



Appl. No. 09/632,857  
Docket No. 1744.0630002

## Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: ParkerVision, Inc.

Application No./Patent No.: 09/632,857 Filed/Issue Date: August 4, 2000

Entitled: Wireless Local Area Network (WLAN) Technology and Applications Including Techniques of Universal Frequency Translation

ParkerVision, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: 10-20-00

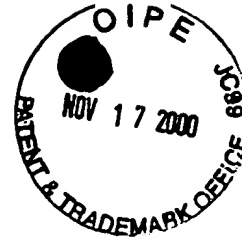
Name: Jeffrey L. Parker

Title: Chairman and CEO

Signature: 



DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION



The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document..

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: 10/13/00 Signature of Inventor: David F. Sorrells  
David F. SORRELLS

Date: 130000 Signature of Inventor: Michael J. Bultman  
Michael J. BULTMAN

Date: 10/16/00 Signature of Inventor: Robert W. Cook  
Robert W. COOK

Date: 10/17/00 Signature of Inventor: Richard C. Looke  
Richard C. LOOKE

Date: 13 Oct 2000 Signature of Inventor: Charley D. Moses, Jr.  
Charley D. MOSES, Jr.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Gregory S. RAWLINS

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael W. RAWLINS

**DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION**

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document..

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
David F. SORRELLS

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael J. BULTMAN

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Robert W. COOK

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Richard C. LOOKE

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Charley D. MOSES, Jr.

Date: 10/13/00 Signature of Inventor: [Signature]  
Gregory S. RAWLINS

Date: 10/16/00 Signature of Inventor: [Signature]  
Michael W. RAWLINS

Declaration for Patent Application



Docket Number: 1744.0630002

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled Wireless Local Area Network (WLAN) Technology and Applications Including Techniques of Universal Frequency Translation, the specification of which is attached hereto unless the following box is checked:

- ☒ was filed on August 4, 2000;  
as United States Application Number or PCT International Application Number 09/632,857; and  
was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Application No.)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Application No.)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>60/147,129</u>	<u>August 4, 1999</u>
(Application No.)	(Filing Date)
_____	_____
(Application No.)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

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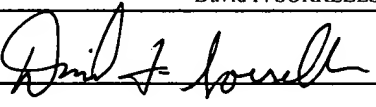

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934



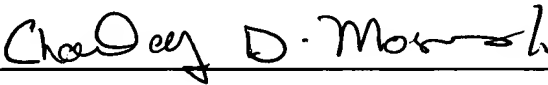
Direct Telephone Calls to:

(202) 371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	David F. SORRELLS	
Signature of sole or first inventor		Date 10/13/62
Residence	Middleburg, Florida	
Citizenship	U.S.	
Post Office Address	3129 Rideout Lane, Middleburg, Florida 32068	
Full name of second inventor	Michael J. BULTMAN	
Signature of second inventor		Date 130500
Residence	Jacksonville, Florida	
Citizenship	U.S.	
Post Office Address	2244 Aztec Drive West, Jacksonville, Florida 32246	

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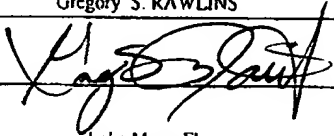
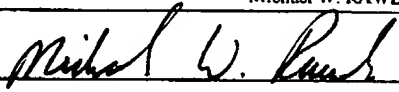
Full name of third inventor	Robert W. COOK		
Signature of third inventor		10/16/00	Date
Residence	Switzerland, Florida		
Citizenship	U.S.		
Post Office Address	1432 Roberts Road, Switzerland, Florida 32259		
Full name of fourth inventor	Richard C. LOOKE		
Signature of fourth inventor		10/17/00	Date
Residence	Jacksonville, Florida		
Citizenship	U.S.		
Post Office Address	3170 Ricky Drive, Jacksonville, Florida 32223		
Full name of fifth inventor	Charley D. MOSES, Jr.		
Signature of fifth inventor		10/13/2000	Date
Residence	Jacksonville, Florida		
Citizenship	U.S.		
Post Office Address	4314 Naranja Drive, Jacksonville, Florida 32217		

Full name of eighth inventor	Gregory S. RAWLINS
Signature of eighth inventor	Date
Residence	Lake Mary, FL
Citizenship	U.S.
Post Office Address	299 Leslie Lane, Lake Mary, FL 32746
Full name of ninth inventor	Michael W. RAWLINS
Signature of ninth inventor	Date
Residence	Lake Mary, FL
Citizenship	U.S.
Post Office Address	665 Brightview Drive, Lake Mary, FL 32746



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Appl No. 09/526,041  
Docket No. 1744.0880000

Full name of eighth inventor	Gregory S. RAWLINS	
Signature of eighth inventor		10/13/00 Date
Residence	Lake Mary, FL	
Citizenship	U.S.	
Post Office Address	299 Leslie Lane, Lake Mary, FL 32746	
Full name of ninth inventor	Michael W. RAWLINS	
Signature of ninth inventor		10/16/00 Date
Residence	Lake Mary, FL	
Citizenship	U.S.	
Post Office Address	665 Brightview Drive, Lake Mary, FL 32746	

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(Supply similar information and signature for subsequent joint inventors, if any)